HALFWAY HILL QUADRANGLE UNITED STATES WYOMING-CARBON CO. 14 OF 31 DEPARTMENT OF THE INTERIOR 7.5 MINUTE SERIES (TOPOGRAPHIC) GEOLOGICAL SURVEY SE/4 SADDLEBACK HILLS 15' QUADRANGLE 106°22′30″ 41°52′30″ 106°15′ 41°52′30″ 20' 17'30" R. 80 W. R. 79 W. **EXPLANATION** 14 13 17 14 18 16 15 -----MINING RATIO CONTOUR-Number indicates cubic yards of overburden per ton of coal recoverable by surface-mining methods. Contours shown only for leasable Federal coal lands suitable for surface mining methods above the stripping \_\_\_\_\_SL\_\_\_\_ STRIPPING LIMIT LINE-Boundary for 23 22 21 23 19 surface mining of coal bed. Limit is 200 24 20 feet of overburden. Dashed where inferred. RESERVE BASE COAL THICKNESS LIMIT-Five feet isopach. Dashed where inferred. 0 37.3 DRILL HOLE-Showing mining ratio value only for leasable Federal coal lands. Drill holes which do not intersect top of coal bed or from which mining ratios could not be determined are not shown. 26 26 25 30 27 28 TRACE OF COAL BED OUTCROP-Show-29 ing name of coal bed. Dashed where inferred. To convert feet to meters, multiply feet by 0.3048. OPEN FILE REPORT This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomencla-34 35 35 36 31 32 33 T. 22 N. T. 22 N. T. 21 N. T. 21 N 11 12 47'30" 47'30" 15 032.4 23 22 23 20 28 27 33 34 35 (T L RANCH) 4767 III NE Base map from U.S. Geological Survey, 1971 Compiled in 1977 by Texas Instruments Incorporated SCALE 1:24 000 " NEW 0°52' PLATE 13 WYOMING MINING-RATIO MAP UTM GRID AND 1971 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET QUADRANGLE LOCATION OF THE JOHNSON COAL BED COAL RESOURCE OCCURRENCE MAP OF THE HALFWAY HILL QUADRANGLE, CARBON COUNTY, WYOMING

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78-043

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